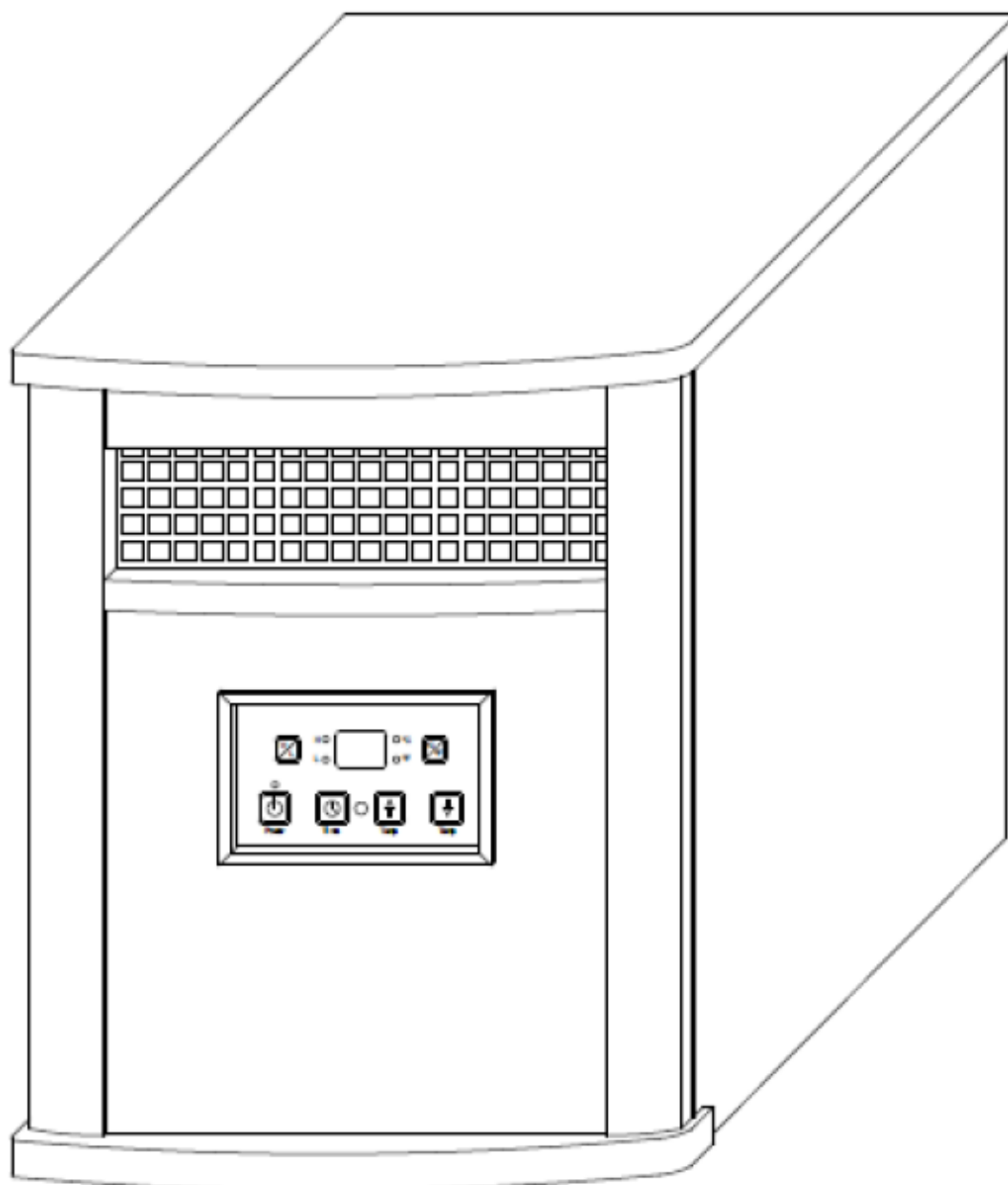


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Quartz Comfort Furnace Heater

Item #470295



IMPROVEMENTS®

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Thank you for purchasing a Comfort Glow portable comfort furnace. For your safety and to insure that you get the full benefit of this powerful heater please take the time to read this guide completely BEFORE using your heater.

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SPECIFICATIONS

Features:

Remote Control
Electronic Thermostat
Room Temperature Display
High & Low Heat Settings
Lifetime Washable Air Filter
Timer
Wood Cabinet
Cool Touch
Easy Roll Casters
Cool Down Cycle

Electrical:

Voltage: 120V, 60HZ
Power Consumption: 750W/1500W
(+5%, - 10% tolerance)

Dimensions: QEH1500, 1501

Product Dimensions: H 16.9" x W 13.23" x D 18.90"
Product Weight: 30.8 lbs.

Dimensions: QEH1410

Product Dimensions: H 16.18" x W 12.24" x D 14.25"
Product Weight: 23.1 lbs.

Warranty:

1 year Limited Warranty

INTENDED USE: This product is intended only for indoor household or office use.
It is **NOT** intended for industrial or commercial use. **DO NOT USE OUTDOORS**

IMPORTANT SAFETY INSTRUCTIONS

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS when using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons, including the following:

1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (0.9m) from the heater.
3. Extreme caution is necessary when any heater is used by or near children, pets or invalids and whenever the heater is left operating unattended.
4. Use your heater only in dry environments. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate the heater where it may fall into a bathtub or other water container. Do not use your heater outdoors. Do not use near sinks, swimming pools or other damp areas such as flooded basements, garages, etc or anyplace where the heater could come in contact with water.
5. A heater has hot and arcing parts inside. Do not use in areas where gasoline, paint, or flammable liquids are used or stored.
6. To disconnect heater, first turn controls to off, then remove plug from outlet. Always unplug the heater when not in use.
7. Always unplug heater by removing the plug end from the outlet when not in use. Never unplug by pulling on the cord as this can damage the power cord.
8. Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment or repair.
9. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power strip.
10. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
11. It is normal for the plug to feel warm to touch; however, a loose fit between the AC outlet (receptacle) and plug may cause overheating and distortion of the plug. Contact a qualified electrician to replace loose or worn outlet.
12. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electrical shock or fire, or damage the heater.
13. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
14. Do not operate heater with any safeguards removed.
15. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
16. This heater draws 12.5 amps during operation. To prevent overloading a circuit, do not plug the heater into a circuit that already has other appliances working.
17. Do not use outdoors.
18. Save these instructions.

WHAT TO EXPECT FROM YOUR COMFORT FURNACE

The Comfort Glow portable comfort furnace is not intended to replace your central heating system nor is it intended to be a sole heating source. Your comfort furnace is intended as a supplemental zone heating source. The goal of this heater is to reduce the total home heating costs by allowing you to turn back the central heat system and provide supplemental heat to the rooms being occupied.

The Comfort glow portable comfort furnace is not an instant room heater. It may take 24-36 hours for your heater to reach maximum efficiency. The portable comfort furnace will warm all the elements in the area being heated (furniture, floors, walls etc.) This will take some time based on the size of the area, insulation ambient temperature and many other factors but once these elements are heated they will help to maintain a steadier room temperature and less on/off cycling of your central heat. You will notice that the furnace does not rely on high speed flow of air. This sensitive flow is by design. The purpose of the built in circulator is to move a large volume of air without creating hot/cold spots in the area being heated, and thereby promoting a more consistent room temperature.

Please follow these suggestions:

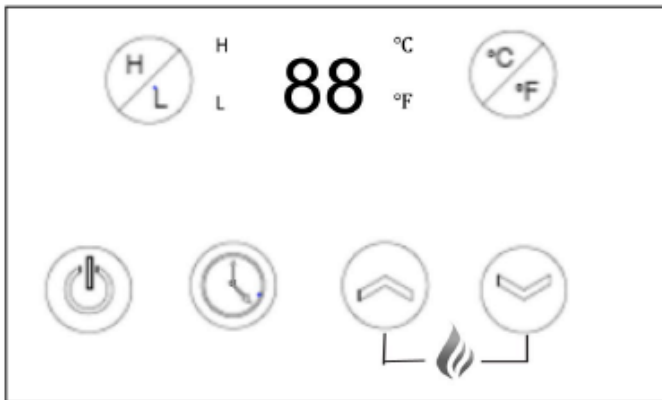
- 1) Close doors to areas you do not wish to heat.
- 2) Locate a three prong outlet along an interior wall if possible. Position the heater so that the warm air can blow unobstructed across the room towards the exterior walls.
- 3) Check your windows and doors for the infiltration of cold air and insulate as needed to avoid heat loss. Rapid heat loss will minimize the effectiveness of your Infrared heater as it would any conventional type heater.
- 4) Keep the area around the heater free of obstructions to insure maximum airflow. Keep electrical cords, drapery, furniture, and other combustibles 3 feet (0.9 M) away from the front of the heater and away from the sides.
- 5) Avoid locating your heater in high traffic areas or in direct sunlight.
- 6) Avoid locating your heater near your central heating thermostat.

FILTER MAINTENANCE

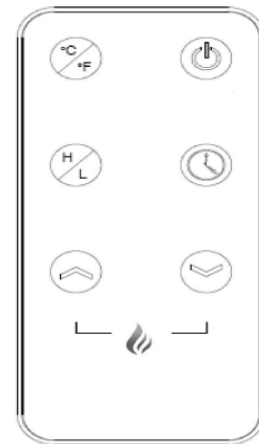
Your heater is equipped with a washable filter. For proper operation this filter must be kept clean. If the heater is used without the filter, dirt and dust can accumulate inside and may cause the unit to smell while in operation and could lead to operational problems. Use without a filter will void your warranty.

- 1) **WARNING!** Make sure the power is turned off before performing any maintenance. Turn off heater, by using the main power switch on the rear of the unit and unplug the heater from the wall outlet.
- 2) Remove the filter from the rear of the heater.
- 3) Vacuuming will generally clean the filter in most cases.
- 4) If dirt remains, rinse filter with warm tap water through the rear side of the filter (opposite of air intake direction) until clear of dust and debris.
- 5) If the filter is extremely dirty or clogged with grease, you can soak the filter in a mild solution of dish soap and water, and repeat rinsing process.
- 6) Shake filter to remove excess water and lay on clean cloth or paper towels to dry. Do not use heat source to dry filter.
- 7) Replace filter in heater **ONLY** after it is completely dry.

HEATER OPERATION

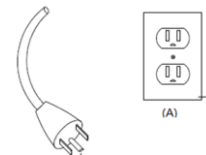


Control Panel



Remote Control

Plug your comfort furnace power cord into a 120V, 15amp grounded receptacle.



Note: When programming your comfort furnace the display will flash until your request is accepted by the heater. This will occur when using both the control panel and the remote

To Turn the Heater On: Turn on the main power on/off switch on the rear panel of the heater. Then press the Power button on the control panel or on the remote control. Your display panel will flash then show the ambient room temperature.



To Set the Temperature: Press up or down button on the control panel or on the remote control to the desired temperature when desired temperature is reached, the heater will stop heating automatically. When temperature drops below the desired temperature, the heater will come on again. Note: After setting the desired temperature and the display digits stop flashing, the actual room temperature will be displayed. To check set temperature at anytime simply press the temperature arrows on the control panel or the remote control. The heater will not turn on until the room temperature is below the desired temperature you have selected.



To Set the Power Level: Press the heat button on the control panel or remote control to switch between high and low heat and the corresponding High (H) or Low (L) LED will be lit.
L=750W H=1500W



To Set Timer: Press Time button on the control or remote control, numbers 0 to 8 will appear on screen. 0 means there is no set running time and heater will run continuously. Number 1-8 means the number of hours that the heater will run before it automatically stops.

To Change between °C and °F: Press the converter button on the control panel or remote control.
C=Centigrade F=Fahrenheit



Helpful Tips:

- 1) If heater will not turn on, **check main power switch**
- 2) Check air filter, clean as needed
- 3) If your room has minimal heat loss, and is closed off to cooler areas you may be able to reduce the cost of operation by setting the heater to **low** after the room has reached a comfortable temperature.
- 4) If remote is lost you can still operate the heater manually.
- 5) Do **not** drag your heater across the room by pulling it by the cord. Stow cord on cord wrap when not in use.
- 6) Use the timer to turn off your heater and save energy
- 7) **Cool Down** feature: When the thermostat cycles "off" or when you turn the unit off the fan will continue to run for a few moments to finish distributing the heat and to cool down the heaters heating elements.

WARNING! Do not use this product if any part has been under water.

TROUBLE SHOOTING

PROBLEM	CORRECTIVE ACTION
1. Heater does not blow warm air	<p>a. The room temperature is higher than the thermostat setting.</p> <p>b. Check to be sure unit is on high setting.</p> <p>c. If the power button on the front of the heater is red but the heater is not operating the safety overheat function may have been triggered. Try pressing the power button. If the heater does not turn on, clear any obstructions from front and rear of unit that may have caused internal overheating. Allow the heater to cool for approximately 10 minutes and then press the power button again.</p>
2. No Power to heater	<p>a. Check circuit breaker, reset as needed or plug into different outlet.</p> <p>b. Make sure main switch on rear of unit is switched to on position.</p> <p>c. Over heat safety control activated. Remove blockage from filter and around heater. Unplug heater for 10 to 20 minutes. Unit should then operate normally.</p>

PORTABLE ELECTRIC HEATER WARRANTY

LIMITED WARRANTY:

A limited warranty is extended to the original purchaser of this heater and warrants against malfunction due to manufacturing defects for a period of (1) one year from the date of retail purchase. Please read and follow all details noted below.

CLAIMS HANDLED AS FOLLOWS:

- **DO NOT RETURN TO PLACE OF PURCHASE**
- Contact our Customer Service Department. You must have the model number, serial number and date of purchase.
- They will provide you with further instructions, which may include replacement parts, repair or replacement at our option.

DUTIES OF THE OWNER:

This heating appliance must be operated in accordance with the written instructions furnished with this heater. This warranty shall not excuse the owner from properly maintaining this heater in accordance with the written instructions furnished with this heater. A bill of sale, canceled check or payment record must be kept to verify purchase date and establish warranty period. Original carton should be kept in case of warranty return of unit.

WHAT IS NOT COVERED:

1. Damage caused by misuse or use contrary to the owner's manual and safety guidelines.
2. Damage caused by a lack of normal maintenance.
3. Repair by an unauthorized person.
4. Damage caused by connection to an improper voltage.
5. Damaged caused by use outdoors.